

CASE NO.: RPS920030243US1  
Serial No.: 10/747,766  
August 8, 2005  
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PATENT  
Filed: December 29, 2003

1. (previously presented) A projector, comprising:  
at least one light source generating a light beam;  
at least one optics system disposed in the light beam; and  
at least one translucent tape at least partially disposed in the light beam, the tape having at least one red segment, at least one blue segment, and at least one green segment, the segments moving translationally across the light beam to establish a color image, the segments establishing a linear sequence of segments such that the light beam impinges on only one segment at a time.
2. (original) The projector of Claim 1, wherein the projector is a digital light projector (DLP).
3. (original) The projector of Claim 1, further comprising a digital mirror device (DMD) disposed in the light path.
4. (original) The projector of Claim 3, wherein the tape is endless.
5. (original) The projector of Claim 4, wherein the tape circulates past the DMD.
6. (original) The projector of Claim 3, further comprising at least one fan disposed in a housing, the housing holding the tape, light source, optics system, and DMD, the tape moving in a plane, the fan exhausting air perpendicular to the plane.
7. (original) The projector of Claim 3, wherein the tape has plural red segments, plural green segments, and plural blue segments, the tape having a flat configuration wherein the tape is rectilinear.
8. (original) The projector of Claim 1, wherein the tape moves around plural rollers, at least one roller being motor driven.
9. (original) The projector of Claim 3, comprising markers engaged with the tape, each marker being associated with a respective color, the markers being sensed by a sensor.
10. (currently amended) A method for producing a demanded image using a digital mirror device (DMD), comprising:  
directing a light beam at the DMD; and  
altering the color of the light beam without using a color wheel using an endless tape.
11. (currently amended) The method of Claim 1[[1]]0, whercin the altering act is undertaken by translationally moving a tape past the DMD.
12. (original) The method of Claim 11, further comprising synchronizing movement of the tape with the DMD.

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13. (currently amended) A projector, comprising:  
means for generating a demanded image; and  
non-rotating translationally-moving means juxtaposed with the means for generating for  
altering the color of a light beam entering the means for generating, wherein the means for generating  
includes at least one digital mirror device (DMD) and the non-rotating means includes at least one  
tape having at least one red segment, at least one blue segment, and at least one green segment, the  
digital mirror device (DMD) being disposed in the light path, at least one fan being disposed in a  
housing, the housing holding the tape, a light source, an optics system, and the DMD, the tape  
moving in a plane, the fan exhausting air perpendicular to the plane.
14. (canceled).
15. (currently amended) The projector of Claim 1[[4]]3, wherein the projector is a digital light projector (DLP).
16. (canceled).
17. (currently amended) The projector of Claim 16 A projector, comprising:  
means for generating a demanded image; and  
non-rotating translationally-moving means juxtaposed with the means for generating for  
altering the color of a light beam entering the means for generating, wherein the means for generating  
includes at least one digital mirror device (DMD) and the non-rotating means includes at least one  
tape having at least one red segment, at least one blue segment, and at least one green segment, the  
digital mirror device (DMD) being disposed in the light path, wherein the tape is endless.
18. (original) The projector of Claim 17, wherein the tape circulates past the DMD.
19. (canceled).
20. (currently amended) The projector of Claim 1[[6]]3, wherein the tape has plural red segments, plural green segments, and plural blue segments, the tape having a flat configuration wherein the tape is rectilinear.
21. (currently amended) The projector of Claim 1[[4]]3, wherein the tape moves around plural rollers, at least one roller being motor driven.
22. (currently amended) The projector of Claim 1[[6]]3, comprising markers engaged with the tape, each marker being associated with a respective color, the markers being sensed by a sensor.

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6. (original) The projector of Claim 3, further comprising at least one fan disposed in a housing, the housing holding the tape, light source, optics system, and DMD, the tape moving in a plane, the fan exhausting air perpendicular to the plane.
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12. (original) The method of Claim 11, further comprising synchronizing movement of the tape with the DMD.

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housing, the housing holding the tape, a light source, an optics system, and the DMD, the tape  
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